

# FILE NOTATIONS

Entered in NID File

Location Map Placed

Card Indexed

Checked by Chief

Approval Letter

Disapproval Letter

8-10-70

## COMPLETION DATA:

Date Well Completed

OW..... WW..... TA.....

GW..... OS..... FA.....

Location Inspected

Bond released

State or Fee Land

## LOGS FILED

Driller's Log

Electric Logs (M)

H..... I..... CB-N..... Micro.....

BHC Sonic GR..... Lat..... Sonic.....

CBLog..... CCLog..... Other.....

12-1-70 minimum & Bayless assumed operations  
from Driskland Logging Co.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## B. TYPE OF WELL

OIL

☒

GAS

WELL ☐

OTHER

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

## 2. NAME OF OPERATOR

Southland Royalty Company

## 3. ADDRESS OF OPERATOR

1600 First Natl. Bldg, Fort Worth, Texas 76102

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface NW NW Sec. 33, T-43S, R-23E or  
590' FWL & 660' FNL Section 33

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

20 miles NW of Teec Nos Pos, Arizona

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

590'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 16. NO. OF ACRES IN LEASE

80

## 19. PROPOSED DEPTH

5200'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300' GR

## 22. APPROX. DATE WORK WILL START\*

Immediately

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8	24#-J	200' ✓	Circulate
7-7/8"	4-1/2	9.50#-J	5200' ✓	300 sx.

Set 8-5/8" at 200', circulate cement. Drill 7-7/8" hole to T.D. in  
AKAH at 5200'. No cores. Possible DST in AKAH. Set 4-1/2" casing  
and cement with 300 sx. if productive, perforate, stimulate as  
required. Blowout preventer on 8-5/8" to T.D. ✓

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

TITLE

Vice President

DATE

8/6/70

(This space for Federal or State office use)

PERMIT NO.

43031-30050

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

RECEIVED

AUG 1970

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

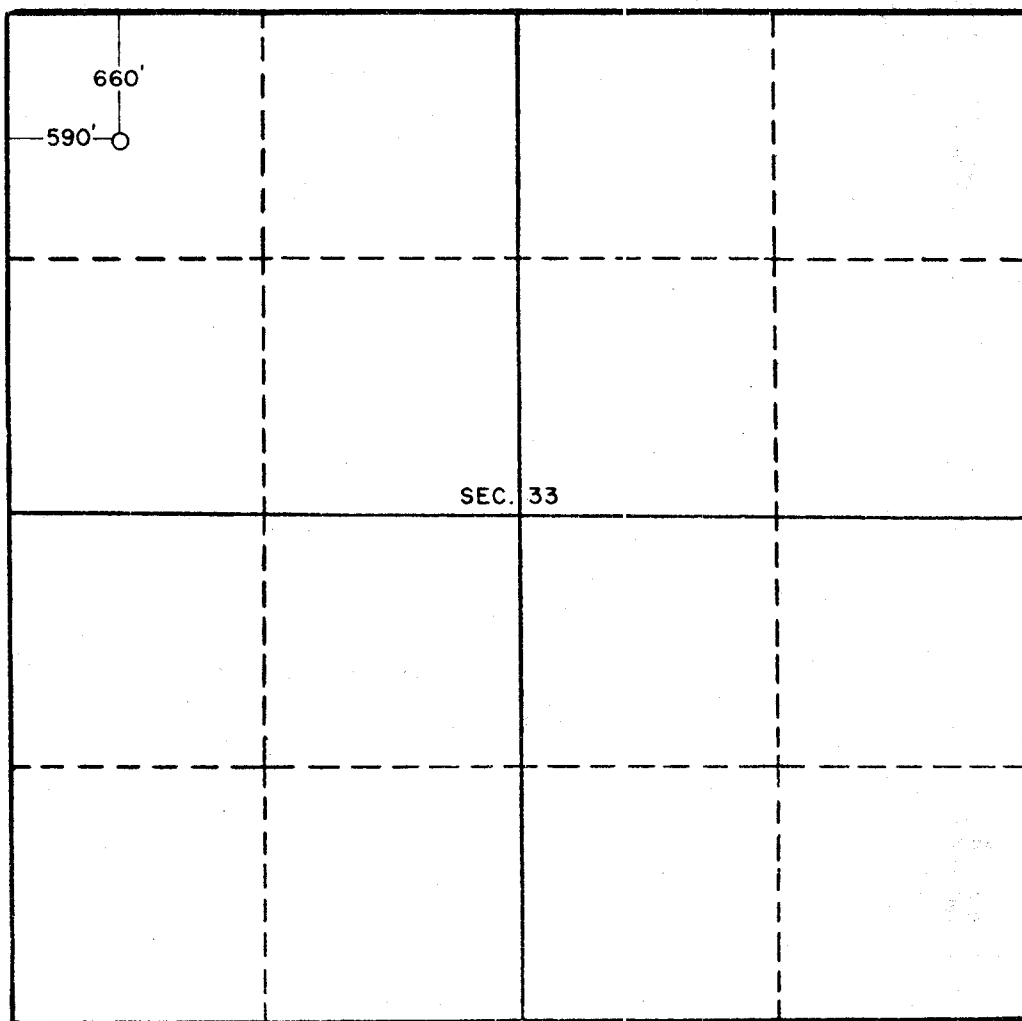
Company SOUTHLAND ROYALTY COMPANY

Well Name & No. NAVAJO 1-33

Location 660 FEET FROM NORTH LINE AND 590 FEET FROM WEST LINE.

Sec. 33, T. 43 S., R. 23 E., S. L. M., County SAN JUAN, Utah

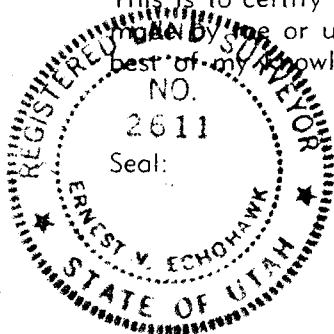
Ground Elevation \_\_\_\_\_



Scale, 1 inch = 1,000 feet

Surveyed JULY 29, 1970

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

# SOUTHLAND ROYALTY COMPANY

1600 FIRST NATIONAL BUILDING  
FORT WORTH, TEXAS 76102

August 6, 1970

State of Utah  
Department of Natural Resources  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Navajo Tribal Lease #14-20-0603-909  
Southland Royalty Company-Navajo "33"  
Well No. 1, Section 33-43S-23E  
San Juan County, Utah

Gentlemen:


With reference to drilling the Southland Royalty Company Navajo "33" Well No. 1, located NW NW Section 33-43S-23E, San Juan County, Utah, we submit the following:

In duplicate - Form 9-331-C - Application for  
Permit to Drill  
In duplicate - Surveyors Plat.

Designation of operator and \$15,000 Collective Bond on Navajo Indian Lands has been sent to the U.S.G.S. If additional information is needed, please advise.

Yours very truly,

SOUTHLAND ROYALTY COMPANY

  
J. R. Burnett  
Vice President

JRB:ns

Attachments

9

August 10, 1970

Southland Royalty Company  
1600 First National Bank Bldg.  
Fort Worth, Texas 76102

Re: Well No. Navajo #33-1  
Sec. 33, T. 43 S, R. 23 E,  
San Juan County, Utah  
API NO. 43-037-30050

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer  
HOME: 277-2890

or  
CLEON B. FEIGHT-Director  
HOME: 466-4455  
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your co-operation with respect to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN  
(Other instr.  
verse side)

ATE\*  
1 re

Form approved.  
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>Navajo Tribal Lease #14-20-0603-909</b>	
2. NAME OF OPERATOR <b>Southland Royalty Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	
3. ADDRESS OF OPERATOR <b>1405 Wilco Bldg., Midland, Texas 79701</b>		7. UNIT AGREEMENT NAME <b>-</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NW NW Sec. 33, T-43-S, R-23-E; 590' FWL &amp; 660' FNL, Section 33.</b>		8. FARM OR LEASE NAME <b>Navajo "33"</b>	
14. PERMIT NO. <b>**</b>		9. WELL NO. <b>1</b>	
15. ELEVATIONS (Show whether DF, RT, G, etc.) <b>5288' GR</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33, T-43-S, R-23E</b>	
		12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <b>Spud and set casing</b> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded well @ 5:30 a.m., 8-13-70, by Loffland Drilling Company.  
Drilled 12 1/4" hole to 240 ft.  
Ran 7 jts 8 5/8" 24# K-55 ST&C casing to 237 ft.  
Cemented w/100 sx regular w/20 C.C. Plug down @ 4:45 p.m., 8-13-70.  
Cement circulated - WOC 18 hrs - tested casing & BOP @ 1500 psi for 30 min. - held O.K. Drilling ahead 7 7/8" hole.

18. I hereby certify that the foregoing is true and correct

SIGNED

*C. H. Can*

TITLE

**District Engineer**

DATE

**8-14-70**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT T ATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. <b>Navajo Tribal Lease</b> <b>414-70-0603-000</b>
2. NAME OF OPERATOR <b>Southland Royalty Company</b>	6. IF INDIAN, ALLOTTEE, OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>1405 Wilco Bldg., Midland, Texas 79701</b>	7. UNIT AGREEMENT NAME <b>Navajo #33*</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NW NW Sec. 33, T-43S, R-23E</b> <b>590' FWL &amp; 660' FNL, Sec. 33</b>	8. FARM OR LEASE NAME <b>Navajo #33*</b>
14. PERMIT NO. <b>-</b>	9. WELL NO. <b>1</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5288' GL</b>	10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
	11. SEC., T., R., OR BLM. AND SURVEY OR AREA <b>Sec. 33, T-43S, R-23E</b>
	12. COUNTY OR PARISH <b>San Juan</b>
	13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <b>Set production casing</b>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled 7 7/8" hole to 5050'. Ran Schlumberger Induction/Electrical & Gamma Ray/Sonic logs. Ran 159 jts 4 1/2" 9.5# K-55 ST&C casing set @ 4869'. Cemented w/200 sz 50-50 Pozmix w/10% salt/sk plus 0.5% CFR-2. Preceded cement w/500 gal. mud wash. Plug down at 10 a.m., 8-31-70. Top cement @ 3772'. WOC. Moved out drilling rig. Rigged up pulling unit. Tested casing & BOP @ 1500 for 30 min - held O.K. Ran GR Correlation log. Perf 4746-4760' w/2 holes/ft. Ran tbg & pkr. Swabbed dry. Acidized w/500 gal. 15% NE acid. Swabbed well to flow. Flowed and tested well - well flowing small amount gas. Shut well in pending further study.

18. I hereby certify that foregoing is true and correct

SIGNED

TITLE

District Engineer

DATE

11-23-70

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

# **SOUTHLAND ROYALTY COMPANY**

**GENERAL OFFICE  
FORT WORTH, TEXAS 76102**

**DISTRICT OFFICE  
SUITE 520 METROPOLITAN BUILDING  
1612 COURT PLACE  
DENVER, COLORADO 80202**

**December 23, 1970**

Scheree Derosé  
Supervising Stenographer  
Division of Oil & Gas Conservation  
Department of Natural Resources  
State of Utah  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Southland Royalty Company  
Navajo "33" #1  
Section 33, T43S - R23E  
San Juan County, Utah

Dear Madam:

This is to advise you that effective December 4, 1970, the ownership of the well named above was changed from Southland Royalty Company to Merrion and Bayless.

Our last report to you dated 11-23-70 indicated that the well was shut in pending further study. No work was done on the well between 11-23-70 and 12-4-70.

Future completion, recompletion or plugging reports will originate with Merrion and Bayless, P. O. Box 1541, Farmington, New Mexico 87401.

Sincerely,



G. E. Oliver  
District Engineer

GEO:med

cc: Merrion & Bayless

2



## STATE OF UTAH

## OIL &amp; GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR						5. LEASE DESIGNATION AND SERIAL NO.	
Merriam and Bayless						14-20-0603-909	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
P. O. Box 1541, Farmington, New Mexico 87401						Navajo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						7. UNIT AGREEMENT NAME	
At surface NW NW Sec. 33, T43-S, R23-E,						8. FARM OR LEASE NAME	
At top prod. interval reported below						Southland Royalty	
At total depth 590' FWL and 660' FNL, Section 33						9. WELL NO.	
14. PERMIT NO.						1	
DATE ISSUED						10. FIELD AND POOL, OR WILDCAT	
15. DATE SPUNNED						Wildcat	
16. DATE T.D. REACHED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
17. DATE COMPL. (Ready to prod.)						Section 33, T43-S, R23-E	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*						12. COUNTY OR PARISH	
5288 GL						San Juan	
19. ELEV. CASINGHEAD						13. STATE	
20. TOTAL DEPTH, MD & TVD						Utah	
5050							
21. PLUG, BACK T.D., MD & TVD							
4869							
22. IF MULTIPLE COMPL., HOW MANY*							
23. INTERVALS DRILLED BY							
all							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
4746 - 60						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
IES - BHC - SNF - GR						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8 5/8	24	237	12 1/4	100 sack	none		
4 1/2	9.5	4869	7 7/8	200 sack	none		
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2"	4780	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4746 - 60 2 shot/ft. .5" diameter						DEPTH INTERVAL (MD)	
						4745 - 60	
						AMOUNT AND KIND OF MATERIAL USED	
						500 gallons 15% Acid	
33.* PRODUCTION						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				Shut-in	
9-4-70		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-10-70	24	40/64		6		1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
75			6		1	42	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented						Ellsaesser	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		DATE			
M. Bayless		Operator		12-28-70			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ismay Desert Creek Akah	4746 4797 4994	4758 4865 5070	Limestone - oil, gas, water Limestone - oil, gas, water Limestone - salt water	Ismay Desert Creek Akah	4746 4797 4994	4746 4797 4994

DEC 31 1970

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructi  
verse side)DATE\*  
on re-Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-909

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Whitebelly Wash

9. WELL NO.

33-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 33, T-43S, R-23E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

J. Gregory Merriam and Robert L. Bayless

3. ADDRESS OF OPERATOR

P. O. Box 1541, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

590' FWL and 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5288' GL

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

Change of name

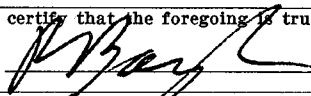
☒(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

To change well name - formerly known as Southland Royalty Navajo 33-1. Was acquired by J. Gregory Merriam and Robert L. Bayless and plugged back to Organ Rock formation and renamed to Whitebelly Wash 33-1.

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

Operator

DATE

2-26-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

*W. J. Lee*  
P

NOTICE OF DISCONNECT

DATE May 4, 1976

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT A DISCONNECT ON

Merrion and Bayless

Operator

84-011-01

Meter Code

33-43S, 23E

S-T-R

White Belly Wash Central Delivery Point

Well Name

18946-4

Site Code

--

Well Unit

Boundary Butte Organ Rock

Pool

El Paso Natural Gas Company

Name of Purchaser

WAS MADE ON

April 23, 1976

Date

DUE TO Plugged and abandoned

El Paso Natural Gas Company  
Purchaser

*A. M. Ferguson*  
Representative

Chief Dispatcher  
Title

cc: Operator  
Oil Conservation Commission - ~~2~~ (Utah)  
Proration - El Paso  
Gas Engineering - Farmington  
Drilling Department - Farmington

File - 2



CALVIN L. RAMPTON  
*Governor*

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

May 27, 1976

OIL, GAS, AND MINING BOARD

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

Merrion And Bayless  
P. O. Box 507  
Farmington, New Mexico 87401

Re: Well No. Whitebelly Wash #33-1  
Sec. 33, T. 43S, R. 23E,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-909

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Southland Royalty

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 33, T43S, R23E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541 Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

590' FWL and 660' FNL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5293 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

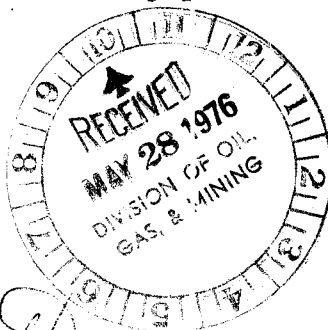
ALTERING CASING ☐

ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

January 24, 1976 Plugged by pumping in 70 sack cement from surface to TD of 2400'. No casing pulled.



APPROVED

MAR 4 1976

R. T. McGRATH

DISTRICT ENGINEER

RECEIVED

FEB 3 1976

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Co-Owner

DATE January 30, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

K  
**ROBERT L. BAYLESS**

PETROLEUM CLUB PLAZA BUILDING

P. O. BOX 1541

FARMINGTON, NEW MEXICO 87401

June 1, 1976

Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTENTION: Kathy Ostler  
Records Clerk

RE: Well No. Whitebelly Wash #33-1  
Sec. 33, T43s, R23E  
San Juan County, Utah

Gentlemen:


Enclosed are copies of the Federal well completion report and logs required by the State of Utah for the referenced well. In addition, I have included duplicate copies of our report to the U.S.G.S. covering the plugging and abandonment of this well.

If additional information is required, please contact this office.

Yours truly,

MERRION & BAYLESS

By

  
Steven S. Dunn

SSD/eh

Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

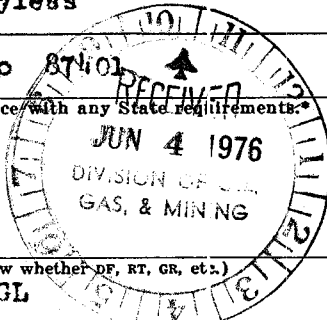
Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-0603-909

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR J. Gregory Merriam and Robert L. Hayless		8. FARM OR LEASE NAME Southland Royalty	
3. ADDRESS OF OPERATOR P.O. Box 1541 Farmington, New Mexico 87401		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  590' FWL and 660' FNL		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T43S, R23E	
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5288 GL		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well no longer capable of commercial production. Will plug and abandon by pumping in 70 sac cement from surface to total depth of 2400'. Will erect dry hole marker and clean location. No casing to be pulled.

APPROVED

JAN 7 1976

P. I. McGRATH

DISTRICT ENGINEER

RECEIVED

JAN 7 1976

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Operator

DATE

January 6, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-909

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Southland Royalty

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 33, T43S, R23E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1.

OIL ☐ GAS ☒  
WELL WELL OTHER

2. NAME OF OPERATOR

J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 1541 Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

590' FWL and 660' FNL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF RT, GR, etc.)

5299' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☒

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

January 24, 1976

Plugged by pumping in 70 sack cement from surface to TD of 2400'. No casing pulled.

APPROVED

MAR 4 1976

P. T. McGRATH

DISTRICT ENGINEER

RECEIVED

FEB 3 1976

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Co-Owner

DATE January 30, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-0603-909A																									
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo																									
2. NAME OF OPERATOR J. Gregory Merriam and Robert L. Bayless		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR P. O. Box 507, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Whitebelly Wash																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 590' FWL and 660' FNL At top prod. interval reported below At total depth 590' FWL and 660' FNL 590' FWL and 660' FNL		9. WELL NO.																									
14. PERMIT NO. 43-037-30050		10. FIELD AND POOL, OR WILDCAT Wildcat																									
15. DATE SPUDDED 8-13-70		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T-43S, R-23E																									
16. DATE T.D. REACHED 8-31-70		12. COUNTY OR PARISH San Juan																									
17. DATE COMPL. (Ready to prod.) 9-28-72		13. STATE Utah																									
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5288 GL 5301 KB		19. ELEV. CASINGHEAD 5289' GL																									
20. TOTAL DEPTH, MD & TVD 5050		21. PLUG, BACK T.D., MD & TVD 2400' KB																									
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY all																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2348-2358 Organ Rock		25. WAS DIRECTIONAL SURVEY MADE No																									
26. TYPE ELECTRIC AND OTHER LOGS RUN 1 ES-BHC-Sonic, SNP-CR-		27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																											
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>24</td><td>237</td><td>12 1/4"</td><td>100</td><td>None</td></tr><tr><td>4 1/2"</td><td>9.5</td><td>4859</td><td>7 7/8"</td><td>200</td><td>None</td></tr><tr><td>2 7/8"</td><td>6.5</td><td>2472</td><td>7 7/8"</td><td>338</td><td>None</td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	24	237	12 1/4"	100	None	4 1/2"	9.5	4859	7 7/8"	200	None	2 7/8"	6.5	2472	7 7/8"	338	None
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2 7/8"	6.5	2472	7 7/8"	338	None																						
29. LINER RECORD																											
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>None</td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	None																		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																							
None																											
30. TUBING RECORD																											
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>None</td><td></td><td></td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	None																				
SIZE	DEPTH SET (MD)	PACKER SET (MD)																									
None																											
31. PERFORATION RECORD (Interval, size and number) 2348-2358 40 holes 0.42" diameter																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>2348-2358</td><td>500 gal. 15% HCL</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	2348-2358	500 gal. 15% HCL																				
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33. PRODUCTION																											
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9-29-72	Flowing	Shut-In																									
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>9-29-72</td><td>24</td><td>1 1/4</td><td></td><td>None</td><td>906</td><td>None</td><td></td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	9-29-72	24	1 1/4		None	906	None									
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9-29-72	24	1 1/4		None	906	None																					
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td>None</td><td>15.5 psig</td><td></td><td></td><td>906</td><td></td><td></td></tr></tbody></table>				FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	None	15.5 psig			906												
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None	15.5 psig			906																							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut - In																											
35. LIST OF ATTACHMENTS Gamma Ray Neutron Collar Log																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED [Signature]		DATE 10-24-72																									

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	LOGGING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, AND MID (MD) AND TYP.		DATE OF COMPLETION		NAME OF OPERATOR		WELL COMPLETION OR RECOMPLETION REPORT		DEPARTMENT OF THE GEOLOGICAL SURVEY		UNITED STATES	
NAME	MEAS. DEPTH	TOP	TRUB. VERT. DEPTH													
Coconino	1650		1700	Sandstone fresh water	2-28-72	3-31-72	8-13-72									
Organ Rock	2024		2358	Shale and Silt - gas												
Isamay	4746		4758	Limestone - oil - gas and water												
Desert Creek	4797		4865	Limestone - oil - gas and water												
Akiah	4994		5070	Limestone - salt water												

**37. SUMMARY OF POROUS ZONES:** SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

**38. GEOLOGIC MARKERS**

**39. PRODUCTION METHOD (Flowing or Shut-in)**

**40. DATE OF TEST**

**41. FLOWING PRESSURE**

**42. CUSHION PRESSURE**

**43. CHASE SIZE**

**44. HOURS TESTED**

**45. DATE OF ATTACHMENTS**

**46. NAME OF OPERATOR**

**47. WELL COMPLETION OR RECOMPLETION REPORT**

**48. DEPARTMENT OF THE GEOLOGICAL SURVEY**

**49. UNITED STATES**